

# Costliest U.S. Tropical Cyclones

NOAA's National Centers for Environmental Information (NCEI) in consultation with the National Hurricane Center (NHC) has updated this listing of costliest tropical cyclones to strike the United States. This listing was previously found in the NOAA memorandum The Deadliest, Costliest and Most Intense U.S. Tropical Cyclones, at <https://www.nhc.noaa.gov/pdf/nws-nhc-6.pdf>

For all United States hurricanes, Hurricane Katrina (2005, \$180.0B\*) is the costliest storm on record. Hurricane Harvey (2017, \$143.8B\*) ranks second, Hurricane Maria (2017, \$103.5B\*) ranks third, Hurricane Sandy (2012, \$80.0B\*) ranks fourth, and Hurricane Ida (2021, \$76.5B\*) ranks fifth.

The NCEI data set provides more loss information than previous damage figures used by NHC, including agriculture, individual payouts, and disaster money from the federal government to the respective states. In performing these disaster cost assessments, NCEI examined statistics from a wide variety of sources. Using the latest scientific methodology, it determined the estimated total costs of these events - that is, the costs in terms of dollars that would not have been incurred had the event not taken place. Insured and uninsured losses are included in damage estimates. Sources include the National Weather Service, the Federal Emergency Management Agency, U.S. Department of Agriculture, U.S. Army Corps of Engineers, individual state emergency management agencies, state and regional climate centers, media reports, and insurance industry estimates.

For more information visit <https://www.ncei.noaa.gov/access/monitoring/billions/>

*\*values based on the 2022 Consumer Price Index adjusted cost*



Costliest tropical cyclones to impact the United States (cost values are based on the 2022 Consumer Price Index adjusted cost)

Tropical Cyclone	Year	Category	Adjusted Costs
Zeta	2020	2	\$4.7B
Wilma	2005	3	\$27.0B
Sandy	2012	1	\$80.0B
Sally	2020	2	\$7.9B
Rita	2005	3	\$26.5B
Opal	1995	3	\$8.7B
Michael	2018	5	\$28.0B
Matthew	2016	1	\$11.7B
Marilyn	1995	2	\$3.9B
Maria	2017	4	\$103.5B
Long Island Express	1938	3	\$6.2B
Lee	2011	TS	\$3.1B
Laura	2020	4	\$25.3B
Katrina	2005	3	\$180.0B
Juan	1985	1	\$3.9B
Jeanne	2004	3	\$11.2B
Ivan	2004	3	\$30.5B
Isaias	2020	1	\$5.2B
Isabel	2003	2	\$8.4B
Isaac	2012	1	\$3.4B
Irma	2017	4	\$57.5B
Irene	2011	1	\$16.9B
Iniki	1992	4	\$6.2B
Imelda	2019	TS	\$5.5B
Ike	2008	2	\$39.0B
Ida	2021	4	\$76.5B
Hugo	1989	4	\$20.4B
Harvey	2017	4	\$143.8B
Gustav	2008	2	\$7.7B
Great Atlantic Hurricane	1944	3	\$5.6B
Georges	1998	2	\$10.4B
Frederick	1979	3	\$6.7B
Frances	2004	2	\$14.6B
Fran	1996	3	\$9.0B
Floyd	1999	2	\$11.0B
Florence	2018	1	\$26.9B
Elena	1985	3	\$3.4B
Donna	1960	4	\$3.7B
Diane	1955	1	\$8.8B
Dennis	2005	3	\$3.6B
Delta	2020	2	\$3.1B
Charley	2004	4	\$24.0B
Celia	1970	3	\$6.8B
Carol	1954	3	\$4.9B
Camille	1969	5	\$11.0B
Bob	1991	2	\$3.1B
Betsy	1965	3	\$12.8B

Tropical Cyclone	Year	Category	Adjusted Costs
Andrew	1992	5	\$54.3B
Allison	2001	TS	\$13.5B
Alicia	1983	3	\$8.5B
Agnes	1972	1	\$14.3B

*Last Updated: April 8, 2022*



Tropical cyclones impacting the United States that resulted in at least \$1 billion of damage costs at the time they occurred

Tropical Cyclone	Year	Category	Unadjusted Costs
Zeta	2020	2	\$4.4B
Wilma	2005	3	\$19.0B
Sandy	2012	1	\$65.0B
Sally	2020	2	\$7.3B
Rita	2005	3	\$18.5B
Opal	1995	3	\$4.7B
Nicholas	2021	1	\$1.0B
Michael	2018	5	\$25.0B
Matthew	2016	1	\$10.0B
Marilyn	1995	2	\$2.1B
Maria	2017	4	\$90.0B
Lili	2002	1	\$1.1B
Lee	2011	TS	\$2.5B
Laura	2020	4	\$23.2B
Katrina	2005	3	\$125.0B
Juan	1985	1	\$1.5B
Jeanne	2004	3	\$7.5B
Ivan	2004	3	\$20.5B
Isidore	2002	TS	\$1.2B
Isaias	2020	1	\$4.8B
Isabel	2003	2	\$5.5B
Isaac	2012	1	\$2.8B
Irma	2017	4	\$50.0B
Irene	2011	1	\$13.5B
Iniki	1992	4	\$3.1B
Imelda	2019	TS	\$5.0B
Ike	2008	2	\$30.0B
Ida	2021	4	\$73.6B
Hugo	1989	4	\$9.0B
Harvey	2017	4	\$125.0B
Hanna	2020	1	\$1.1B
Gustav	2008	2	\$6.0B
Georges	1998	2	\$6.0B
Frederick	1979	3	\$1.7B
Fred	2021	TS	\$1.3B
Frances	2004	2	\$9.8B
Fran	1996	3	\$5.0B
Floyd	1999	2	\$6.5B
Florence	2018	1	\$24.0B
Eta	2020	TS	\$1.5B
Elsa	2021	TS	\$1.2B
Elena	1985	3	\$1.3B
Dorian	2019	1	\$1.6B
Dolly	2008	2	\$1.3B
Dennis	2005	3	\$2.5B
Delta	2020	2	\$2.9B
Charley	2004	4	\$16.0B

Tropical Cyclone	Year	Category	Unadjusted Costs
Camille	1969	5	\$1.4B
Bonnie	1998	3	\$1.0B
Bob	1991	2	\$1.5B
Betsy	1965	3	\$1.4B
Andrew	1992	5	\$27.0B
Allison	2001	TS	\$8.5B
Alicia	1983	3	\$3.0B
Alberto	1994	TS	\$1.0B
Agnes	1972	1	\$2.1B

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